

Plasma Pure Water Technology

NASA Glenn Research Center seeks commercialization partners to license and develop its patent-pending plasma technology for water purification.

HOW IT WORKS

Relying on only electrical energy, this technology uses plasma generated reactive species to decompose organic contaminants, including bacteria, viruses, parasites, fungi, algae, pharmaceuticals, fertilizers and biowaste.

KEY BENEFITS

Simple design

- No filters and no chemicals
- No consumables, only electricity
- Minimizes downtime and maintenance

Unique purification capabilities remove

- Water soluble contaminants
- Sub micron organics

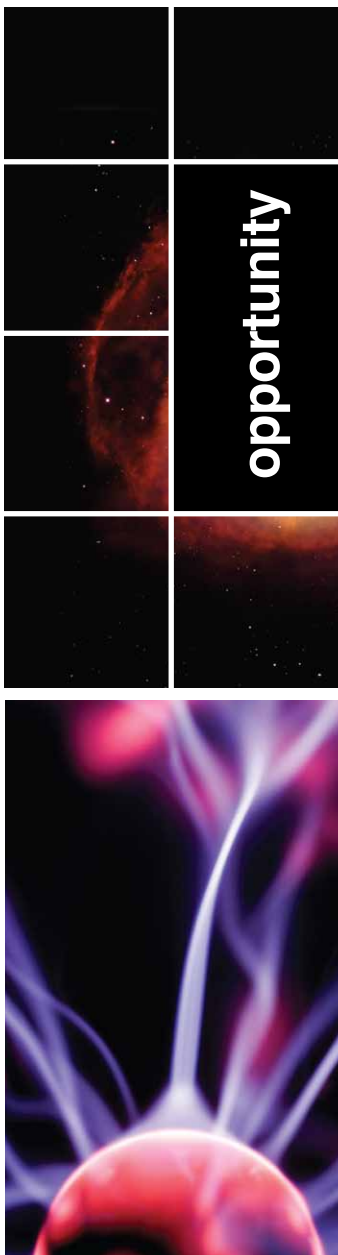
Adaptable for multiple systems

- Deployable for disaster relief
- Large-scale purification
- Primary or secondary processes

MORE INFORMATION

www.technology.grc.nasa.gov

opportunity





Bringing NASA Technology Down to Earth

Enhance your product portfolio with a NASA technology.

LICENSING OPTIONS AVAILABLE

Evaluation License

- Simple, non-exclusive license for you to test out the technology
- Produce prototypes, scale processes, perform cost evaluations and sample customers
- 12 month term for only \$2500

Full Commercial License

- Either exclusive or non-exclusive license granted with approved business plan and financials

PLASMA PURE WATER APPLICATIONS

- Wastewater treatment
- Pharmaceutical, food and beverage
- Pretreatment of contaminants
- Point-of-use drinking water
- Groundwater treatment
- Industrial reuse (e.g., textile dyes)
- Oil and gas

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